**Halad®-766 Fluid Loss Additive**

Halad®-766 fluid-loss additive can also be used as a retarder. Halad-766 fluid-loss additive is extensively used to retard foam slurries without reducing viscosity. Halad-766 fluid-loss additive is a derivitized cellose that can be used for fluid loss and retardation in all API cement classes as well as Pozmix® cement. The tables below list the product specifications and part numbers for Halad-766 fluid-loss additive.

### Advantages

Halad-766 fluid-loss additive can offer the following advantages:

- Extended pumping times
- Fluid-loss reduction across thief zones
- More predictable thickening times
- Improved slurry displacement rates at steady pressures

### Applications

Halad-766 fluid-loss additive was evaluated at bottomhole circulating temperatures (BHCTs) between 110° and 220°F (43° and 105°C) and at bottomhole static temperatures (BHSTs) between 140° and 290°F (60° and 144.5°C). While Halad-766 additive is primarily used for fluid loss, it can also retard the setting of cement. During placement, this fluid-loss additive can help increase slurry viscosity. Consequently, filtration is lowered to rates comparable to those of muds. Experimentation with a max analyzer indicates that under temperature and pressure, the foam slurry at the top, middle, and bottom of the cement column varies in weight no more than 0.5 lb/gal of the designed slurry weight.

### Compatibilities

Halad-766 fluid-loss additive is incompatible with calcium chloride (CaCl₂). When used as a fluid-loss additive in non-foamed slurries, the addition of sodium silicate may decrease severe retardation properties.